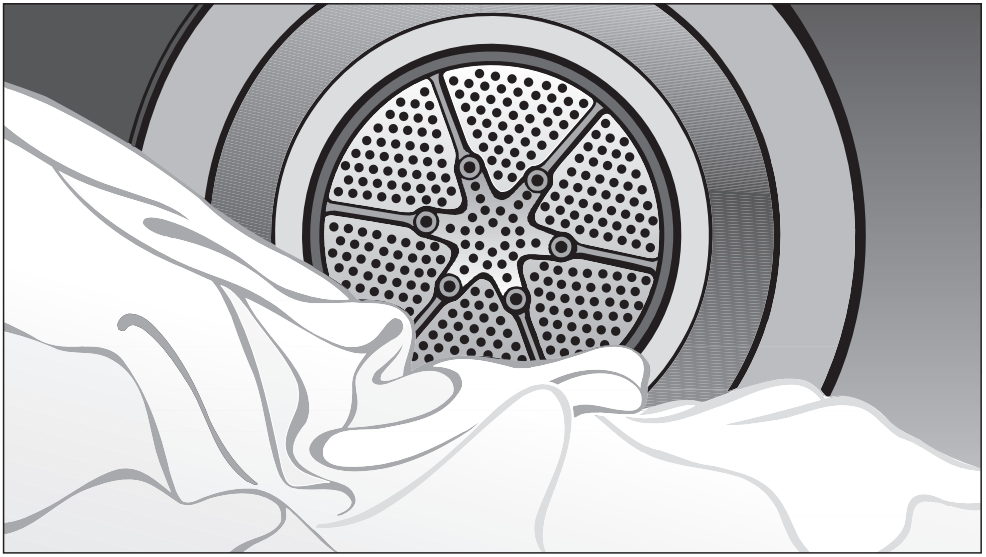
Miele
PROFESSIONAL



Operating and installation instructions for condenser tumble dryer PT 5135 C

To avoid the risk of accidents or damage to the machine it is **essential** to read these instructions before it is installed, commissioned and used for the first time.

GB

M.-Nr. 06 511 430

Caring for the environment

Disposal of the packing material

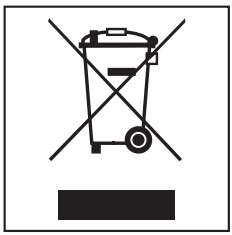
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure that they are offered for recycling.

Disposal of your old machine

Electrical and electronic machines often contain materials which if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person. The plug must be rendered useless and the cable cut off directly behind it to prevent misuse. See the "Warning and Safety" section of this booklet for further details.

Energy saving tips

To avoid unnecessarily long drying times and high consumption of energy:

– Make sure that your laundry is thoroughly spun before drying. The higher the spin, the greater the savings that can be made in energy and time during drying.

– Load according to the optimum amount of laundry recommended for the programme being used. Underloading is uneconomical. Overloading gives a poorer quality of drying and may cause unnecessary creasing.

– Make sure the room in which the dryer is located is well ventilated.

– After every cycle remove the fluff from the fluff filter in the door and in the door opening (see "Cleaning and Care").

– Check the condenser unit from time to time and clean it when necessary.

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To avoid the risk of accidents and damage to the machine please read these instructions carefully before using it for the first time. They contain important information on its safety, installation, use and maintenance. Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner of the machine.

Correct use

The tumble dryer is only intended for drying fabrics which have been washed in a water solution, marked on the manufacturer's care label as being suitable for tumble drying.
"Dry cleaning kits" for freshening up garments in a tumble dryer are increasingly available on the market. If using, do so at your own risk, and follow the instructions provided on the packaging.
Any other applications may be dangerous. The manufacturer is not liable for damage resulting from improper use or operation.

Technical safety

Before setting up the machine, check it for any externally visible damage.
Do not install or use a damaged machine.

Before connecting the machine, ensure that the connection data on the data plate (voltage and connected load) match the mains electricity supply. If in any doubt, consult a qualified electrician.

The electrical safety of this machine can only be guaranteed when continuity is complete between it and an effective earthing system which complies with local and national regulations. It is most important that this basic safety requirement is present and regularly tested, and where there is any doubt the on-site wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

Do not connect the machine to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the machine (e.g. danger of overheating).

The machine is built in accordance with current safety requirements. Unauthorised repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept liability. Repairs should only be undertaken by a Miele approved technician.
Ensure current is not supplied to the machine until after maintenance or repair work has been carried out.

Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine guarantee.

If the connection cable is faulty it must only be replaced with a genuine Miele connection cable.

In the event of a fault or for cleaning purposes, the machine is only completely isolated from the electricity supply when:

– it is switched off at the wall socket and the plug is withdrawn, or
– it is switched off at the mains, or
– the mains fuse is withdrawn.

Operation

This equipment may only be used in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

The dryer must not be used without the condenser unit in place.

The dryer must not be used without the fluff filters in place or if the fluff filters are damaged in any way.

The fluff filters must be thoroughly dried after cleaning. If they are damp or wet when replaced there is a risk of faults occurring when the machine is used.

If the water is drained externally through the drain hose instead of being collected in the condensed water container, make sure the drain hose is securely attached if you hang it in a sink or basin to avoid the hose slipping the water causing damage.

Condensed water is not drinking water. It can cause health problems in both people and animals.

Always keep the area around the machine free of dust and fluff. Dust drawn into the machine can over time cause blockages in the condenser unit.

Do not install the machine in a room where there is a risk of frost occurring. At temperatures around freezing point the machine may not be able to operate properly.
There is a risk of damage if the condensed water is allowed to freeze in the pump, hoses and / or condensed water container.
The ambient room temperature should be between +2°C and +35°C.

To prevent the risk of fire the following textiles must not be dried in this machine:

- fabrics which contain a large proportion of rubber, foam rubber or rubber like materials.
- items which contain padding or fillings (e.g. pillows, jackets).
- items which have been treated with inflammable cleaning agents.
- items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.
- items which have been soiled with oils or residues containing grease (kitchen oils, cosmetics etc.).
- items soiled with wax or other chemicals (e.g. mops and floor cloths).
- items which have not been thoroughly cleaned and which are still soiled with grease or oil, e.g. workwear. Such clothing may require a heavy duty detergent to get them clean. If necessary consult the detergent manufacturer for advice.

Do not let anyone sit or lean on the door, as this can cause the machine to tip up.

Always close the door after use. This way you will avoid the danger of:

- **children** climbing onto or into the dryer or hiding things in it.
- **pets** or other small animals climbing into it.

For machines with stainless steel surfaces:

The stainless steel surfaces must not come into contact with liquid cleaning and disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel.

Aggressive vapours containing chlorine can also be corrosive.
Do not store containers of these agents near the machine.

Safety with children

This machine is not a toy! To avoid the risk of injury do not allow children to play on or near it or to play with the controls. Supervise its use by the elderly or infirm, and supervise children whilst you are operating the machine.

Using accessories

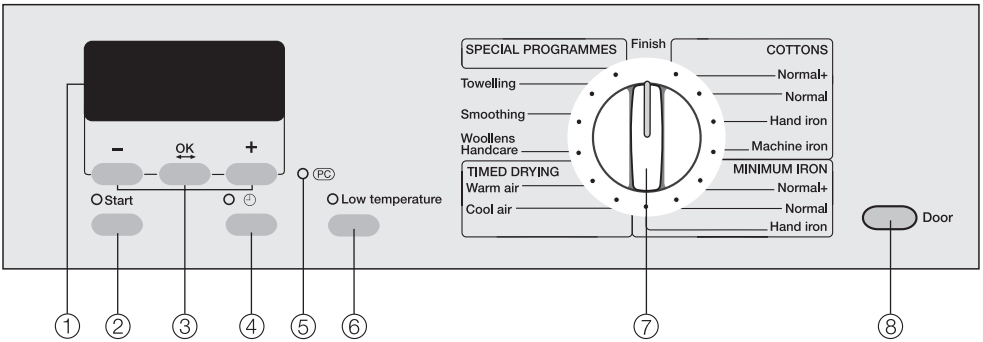
Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, guarantee, performance and product liability claims may be invalidated.

Disposal of your old machine

- Before discarding an old machine, disconnect it from the mains supply, or switch off at the wall socket and unplug it.
- To prevent the risk of misuse, render any plug useless and cut off the cable directly behind the machine. Make the door lock unusable. This should be done by a competent person.
- The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Operating the tumble dryer

Control panel



① **Display**
See the following pages for more information.

② ***Start* button**
Starts the selected programme

③ **–, OK, + buttons**
See the following pages for more information.

④ ◴ **button**
For selecting delay start, Time of day display

⑤ **PC / Optical interface**
This is used by service technicians to run diagnostic checks on your machine, and can also be used to update programming data in the future.

⑥ ***Low temperature* button**

⑦ **Programme selector**
For selecting a programme. The programme selector can be turned clockwise or anti-clockwise.

⑧ ***Door* button**
Opens the machine door.

Display

The following are shown in the display:

– Programme selection

– Programme duration and the programme start and end time

When a programme is selected, the display is used to select:

– the drying level (e.g. *Hand iron, Normal...*)

– delay start

The *Settings* menu is also operated via the display.

-/+ buttons

For altering the values shown in the display:
- decreases the value or moves the highlighting upwards
+ increases the value or moves the highlighting downwards

OK button

For confirming the value selected and choosing the next element.

button

For selecting delay start.
You can also press this button during a drying programme to check the estimated programme end time or the current time of day.

Estimated time remaining

When a programme is selected, the estimated duration (time remaining) will appear in the display. Please be aware that it is only an estimate!

The following factors all affect the estimated time remaining: Residual moisture content after spinning; type of fabric; size of load; room temperature; fluctuations in power supply.

The electronics continually assess conditions in the machine and adjust the estimated time remaining for a more accurate reading. Because of this, the time displayed can alter during the course of a programme.

In the same way, the Woollens handcare and Smoothing programmes can finish earlier than expected if a certain temperature is reached. This can happen with particularly fine fabrics or if items were partly dry beforehand.

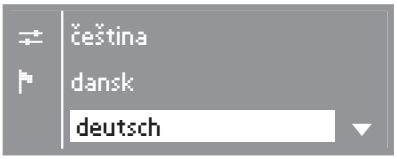
Using for the first time

When the tumble dryer is switched on for the first time, the *Miele Professional welcome* screen will appear.

The *Miele Professional welcome* screen will not appear again after you have entered the language required, set the time of day, and run an initial programme lasting longer than one hour.

The display for setting the language will appear.

Setting the language



- Use the **+** and **–** buttons to select the language you want, and confirm your choice by pressing the **OK** button.

A tick ✓ will appear beside the language to show that it has been set.

Setting the time of day

- Set the hour with the **-** and **+** buttons, and confirm your setting by pressing the **OK** button.
- Now set the minutes and confirm your selection.

Entry menu

The entry menu showing the current time of day will appear after the machine has been switched on, until you select a programme.

After a few seconds an additional line will appear in the display.
Settings ⚑:

See "Settings menu" at the end of this booklet for more information.

- You can now load the laundry into the dryer and select a programme as described in "How to dry correctly".

Care symbols

Before drying check the drying symbol on the care label. If there are no symbols, dry at your own risk!

⊡ . . . . . Dry at normal temperature
⊡ . . . . . Dry at a low temperature
⊠ . . . . . Do not tumble dry

Tips on drying

– Always observe the maximum recommended loads given in the "Programme chart". Never overload the drum.

Overloading can cause unnecessary wear and tear to the laundry, give a disappointing drying result and cause more creasing.

– Do not put soaking wet items into the tumble dryer. Spin them thoroughly after washing using the appropriate spin speed.

– For delicates and fabrics with the following care label ⊡ select *Low temperature*.

– Open jackets so that they can dry evenly.

– Woollens and wool blends tend to become matted and shrink if dried in a tumble dryer. They can, however, be "fluffed up" using the *Woollens handcare* programme.

– Down-filled garments have linings which have a tendency to shrink, depending on the quality of the item. They can be partially dried using the *Smoothing* programme.

– Pure linen should only be machine dried if specified as suitable by the manufacturer on the care label, as the surface of the fabric may otherwise become rough. They can be partially dried using the *Smoothing* programme.

– Loopknit garments (e.g. T-shirts and underwear) tend to shrink depending on their quality. Do not over-dry these textiles. When purchasing these garments it is advisable to take their shrinkage properties into account.

– Minimum iron fabrics and 100% cotton shirts or blouses tend to crease more, the larger the load, particularly when the weave of the fabric is very fine.
Reduce the load or use the *Shirts* programme.

– Starched laundry can be dried in the tumble dryer. To achieve the usual finish, double the amount of starch should be used.

– New dark coloured garments should be washed and dried separately from light coloured garments to avoid the danger of colours running and discolouring other garments or even plastic components in the machine. Dark coloured fibres can also settle on light coloured garments and vice versa.

Brief instructions

The headings numbered ❶, ❷, ❸ ... show the operating sequence, and can be used as a brief guide to operating your machine.

❶ Sort the laundry

To ensure an even drying result, separate out the washed laundry and sort it according to: . .
. . . the drying level required
. . . the type of fibre or weave
. . . size
. . . the moisture content after spinning.

⚠ Make sure that objects, e.g. detergent dispensing balls, have been removed from the laundry. They could melt and cause damage to the dryer or the laundry.

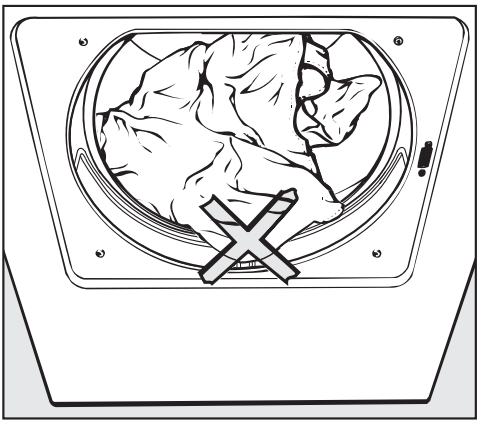
– Check seams and stitching to ensure that padding and linings are intact.
– Fasten duvet covers and pillow cases to prevent small items from being trapped inside them.
– Fasten zips, hooks and eyes etc.
– Tie fabric belts and apron strings.
– Sew in or remove underwiring from bras.

❷ Load the tumble dryer

■ Press the *Door* button to open the drum door.

■ Load the laundry loosely into the drum.

Do not overload the drum. See the "Programme chart" for recommended loads for each programme.
Overloading can cause unnecessary wear and tear to the laundry, and give a disappointing drying result.

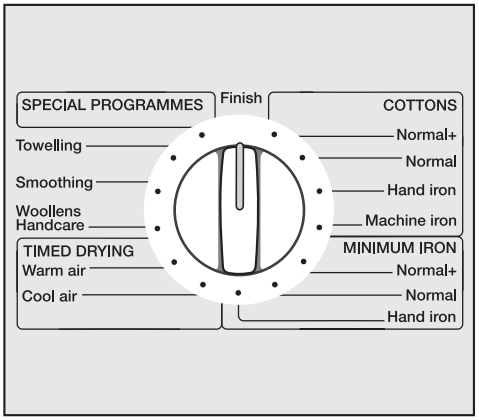


Check the laundry is right inside the drum so that it cannot get trapped or damaged when the door is shut.

■ Shut the door either with a gentle swing, or lean against it and push it shut.

❸ Select a programme

Programmes



- Turn the selector to the programme you require.

The display will vary according to which programme has been selected. First of all, only the name of the programme will appear, and then the display will change.

Important: Please note that the programme duration shown in the display will vary according to the programme selected (see "Estimated time remaining").

Cottons, Minimum iron

There is a choice of drying levels.

Towelling, Woollens hand care, Smoothing

The drying levels and duration for these programmes are fixed.

Warm/cool air timed drying

- The programme duration can be increased or reduced using the **+** or **–** buttons.

Special programmes

The following choice of programmes will appear in the display when you press the *Special programmes* button.

- Use the **+** or **-** button to highlight the programme you want. The arrow ▼ in the display indicates that there are further options.
- Confirm your selection by pressing the **OK** button.

- You can use the **+** or **-** button to alter the drying level (except on the *Proofing programme).*

Low temperature

- For drying particularly sensitive fabrics (care symbol ⊡), e.g. acrylics, press the *Low temperature* button.

Because the heater rating is reduced for the *Low temperature* setting, clothes dry more slowly thus lengthening drying times.

Delay start

- See "Delay start".

Payment system

If your machine has a payment system, the amount of credit required will appear in the display.

Credit will be lost if the door is opened or the programme cancelled after it has started.

❹ Start the programme

The indicator light for the *Start* button will flash when a programme is being selected. The flashing indicates that a programme can be started.

- Press the *Start* button.

The indicator light for the *Start* button will then change from flashing to being on constantly.

Programme running will appear in the display, followed by *Drying* and the programme duration.

With sensor drying programmes the drying level reached, e.g. *Machine iron*, *Hand iron* etc. will appear in the display later on.

Before the end of a programme

There is a cooling down phase at the end of the drying sequence: *Cooling down* will appear in the display. The programme will not finish until the cooling down phase has been completed.
There is no cooling down phase at the end of the following programmes: *Woollens hand care, Smoothing.*

At the end of a programme

Anti-crease action (if selected) and *Finish* will appear in the display at the end of the programme.
During the anti-crease phase (if selected) the drum will turn at intervals for 1 hour to help prevent creasing.

❺ Remove the laundry

- Press the *Door* button to open the drum door.
- Remove the laundry.

Check that all items have been removed from the drum. If items are left in the dryer, they could be damaged by overdrying when the dryer is next used.

The drum lighting will come on when the door is opened. It will go out a few minutes later to save energy.

- Close the door.

Maintenance after each drying programme

- Please see "Cleaning and care" for details.

With Delay start you can choose when you want the programme to end, allowing you to make use of night-time economy electricity rates for example. The start of a programme can be delayed by up to 24 hours.

To select Delay start

- Select the programme you want, and then press the ◴ button.

The display will show the current time of day at the top, the time the programme will start in the middle, and the time the programme will finish at the bottom.

- Use the **+** button to select the time you want the programme to end.

The programme end time is selected in 30-minute steps. The first press on the button will adjust the programme end time to the next full or half hour. The start time of the programme is also adjusted accordingly.

Use the **-** button to shorten the end time if you have chosen too long a time.

- Confirm your selection by pressing the **OK** button.

To begin Delay start

- Press the *Start* button.

The Delay start time will now count down in minutes until the start of the programme.
The drum will turn briefly every hour to help prevent creasing.

Changing the programme sequence

While the Delay start time is counting down, you can still . . .
. . . select the *Low temperature* option or another drying level.
. . . press the *Door* button and add or remove laundry. After closing the door, press the *Start* button.

To alter delay start

- Press the ◴ button.
- Use the **-** or **+** button to alter the time you want the programme to end.
- Confirm your selection by pressing the **OK** button.
- Press the *Start* button.

To delete Delay start

- Press the ◴ button.
- Press and hold the **-** button pressed in, until the time the programme is due to start at is the same as the current time of day.
- Confirm your selection by pressing the **OK** button.

The programme will now start immediately.

Programme chart

Cottons	Max. load: 6.5 kg*
Normal+, Normal**	
Fabric type	Single and multi-layered cotton fabrics, e.g. towelling, jerseywear, underwear, flannelette bed linen.
Notes	– Select **Low temperature** for fabrics with the ⊡ symbol.
Hand iron ♁, Machine iron**	
Fabric type	Cottons or linen fabrics, e.g. table linen, bed linen, starched laundry.
Notes	– Select **Low temperature** for fabrics with the ⊡ symbol. – To prevent laundry from drying out, it should be rolled up until you are ready for ironing.
Minimum iron	Max. load: 3.5 kg*
Normal+, Normal, Hand iron ♁**	
Fabric type	Minimum iron items made of cotton, synthetic or blended fabrics, e.g. shirts, blouses, skirts and table cloths.
Notes	– Select **Low temperature** for fabrics with the ⊡ symbol. – Select *Hand iron* ♁ for delicate fabrics, and to reduce creasing even more, reduce the load to 1.5 kg*. – In the Minimum iron *Hand iron* programme, items are dried with very little creasing, depending on fabric type and amount of laundry.

* Weight of dry laundry

** Use this programme without selecting Low temperature for testing according to EN 61121 standard.

Cool air	Max. load: 6.5 kg*
Fabric type	Any item which only needs airing.
Warm air	Max. load: 6.5 kg*
Fabric type	– "Voluminous" and multi-layered fabrics whose layers have different drying characteristics, e.g. jackets, pillows. – For drying individual items, e.g. bath towels, bathing costumes, tea-towels.
Notes	– Select **Low temperature** for fabrics with the ⊡ symbol. – Do not select the longest drying time to start with. Check the items as you are drying them to find the optimum time.
Woollens handcare	Max. load: 2.5 kg*
Fabric type	Woollen fabrics.
Notes	– To refresh and fluff up woollen garments quickly. – Fabrics are not completely dried in this programme. Remove garments as soon as the programme has finished and leave to finish drying at room temperature. – **Low temperature** cannot be deselected.
Smoothing	Max. load: 3 kg*
Fabric type	– Cotton and linen fabrics. – Minimum iron items made of mixed fibres, cottons or synthetics, e.g. trousers, jackets, shirts.
Notes	– Smooths out creasing caused during the spin cycle in the washing machine. – Fabrics are not completely dried in this programme. Remove garments as soon as the programme has finished and leave to finish drying at room temperature.

* Weight of dry laundry

Programme chart

Towelling		Max. load: 6.5 kg*
Fabric type	Single and multi-layered towelling items, e.g. towels, bath robes, terry sheeting.	
Denim		Max. load: 3.5 kg*
Normal, Hand iron		
Fabric type	Denim fabrics, e.g. jeans, jackets, skirts, shirts.	
Shirts		Max. load: 2.5 kg*
Normal, Hand iron		
Fabric type	Shirts and blouses.	
Outerwear		Max. load: 3.5 kg*
Normal, Hand iron		
Fabric type	Outerwear which is suitable for drying in a tumble dryer.	
Proofing		Max. load: 2.5 kg*
Fabric type	For drying microfibre fabrics, ski wear, fine, closeweave cotton garments (poplin) or tablecloths which are suitable for drying in a tumble dryer and have been treated to provide a water and dirt resistant finish.	
Notes	– This programme includes a proofing fixing phase. – **Only use proofing agents which are stated by the manufacturer as being "suitable for use on membrane textiles"** as these contain fluorochemical compounds. – **Do not dry items which have been treated with proofing agents containing parafin. Fire hazard!**	

* Weight of dry laundry

Payment system

If your machine is fitted with a payment system, opening the door or cancelling the programme after it has started may cause loss of credit*.

* A Miele service technician can re-set the payment system so that programming changes can be made within a specified time period.

Changing a programme while it is running

You cannot change to another programme once a programme has started (this prevents unintentional alterations). If the programme selector is altered, the words *Programme cannot be changed* appear if the selector is not turned back to the original programme.

You will need to cancel the current programme before you can select a new one.

Cancelling a programme

- Turn the programme selector to *Finish*.

  When *Finish* appears in the display, this shows that the programme has been cancelled.
- Open and shut the door.
- Select a different programme.
- Press the *Start* button.

Adding or removing laundry after a programme has started

- Press the *Door* button.
- Open the door.

⚠ Do not touch the back of the drum when adding or removing items. The drum could be very hot - danger of burning.

- Add or remove items as required.
- Close the door.

To continue drying

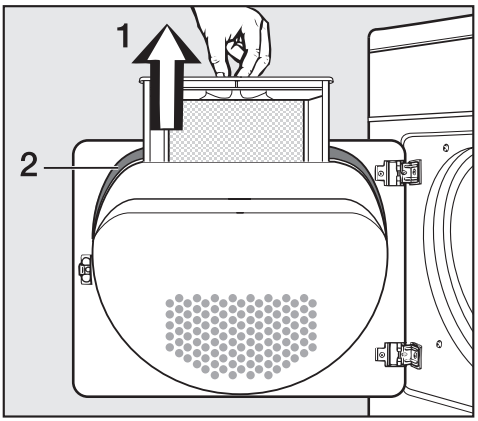
- Press the *Start* button.

The time left shown in the display may now vary from the actual drying time.

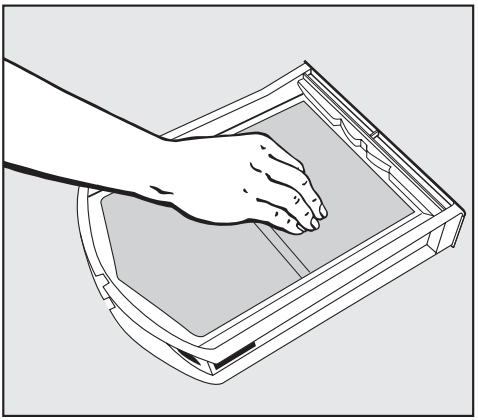
Cleaning the fluff filters

Fluff from items being dried is collected by the fluff filters in the door and the door opening. Clean the filters after **each** drying programme*.

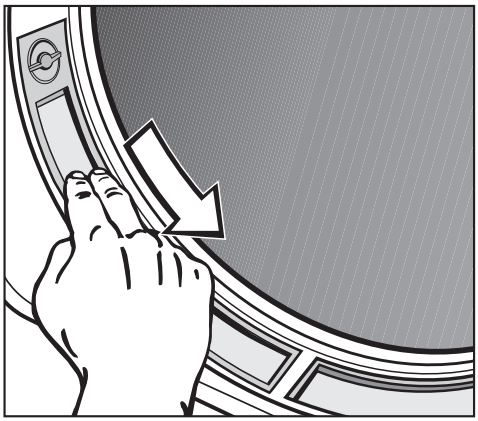
Cleaning them whilst dry



- Open the door and pull the fluff filter (1) out as illustrated.



- Use your fingers or a vacuum cleaner to remove the fluff from the surface of the filter.
- Remove any fluff from the hollow part of the door opening. You could also use a cleaning brush which is available as an optional extra from your Miele dealer or the Miele Spare Parts Department or use a vacuum cleaner.
- Once clean, push the filter back into the door holder until it clicks into position. Ensure it is facing the correct way.
- Also clean the door seal (2) with a damp cloth.



- Use your fingers or a vacuum cleaner to remove the fluff from the two fluff filters in the door opening.
- Close the door.

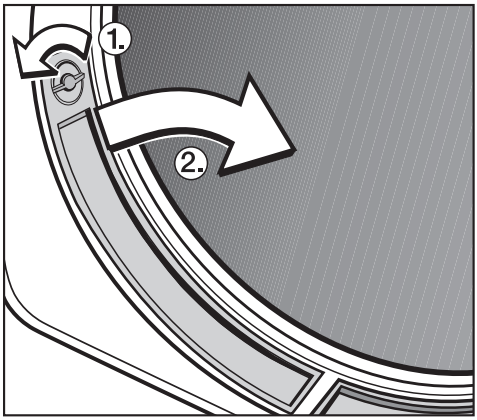
⚠ * The fluff filters should be checked and cleaned regularly but always clean immediately the *Clean out airways* message appears.

Cleaning them with water

If there is a great deal of compacted fluff on any of the filters, they can be removed and cleaned under hot running water.

- Open the door and pull the fluff filter out of the door as described previously.

The two filters in the door opening can also be removed if you need to clean them with water.



- Turn catch ① until you hear it click.
- Pull the filter by the dial out of the door opening as shown ②. Do the same on the other side.
- Rinse all the filters under hot, running water.
- Dry the filters thoroughly with care.

Replacing the filters

⚠ Do not replace the filters if they are damp or wet. Damp or wet filters could cause operational faults.

- Push the large filter back into the door holder until it clicks into position. Ensure it is facing the correct way.
- Replace the filters in the door opening by first inserting them at the bottom and then pressing them into place at the top.
- Lock both catches (you will hear them click).

Cleaning the tumble dryer

⚠ Disconnect the machine from the mains electricity supply.

⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaners. These could damage plastic surfaces and other parts.

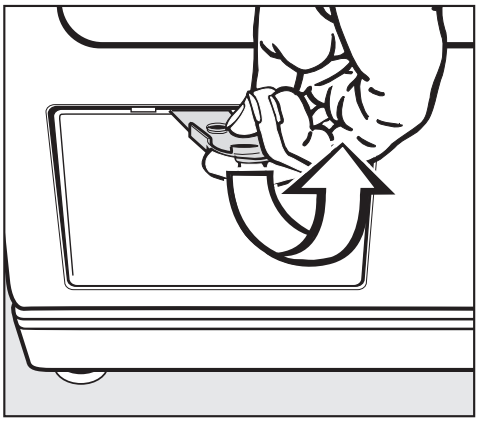
⚠ The machine must never be hosed down.

- Clean the housing and the control panel with a slightly damp cloth and a mild detergent or soapy water.
- The drum and other stainless steel parts can be cleaned with a suitable propietary stainless steel cleaner following the manufacturer's instructions.
- Dry all parts with a soft cloth.
- A microfibre E-Cloth is available from the Miele UK Spare Parts Department which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals.

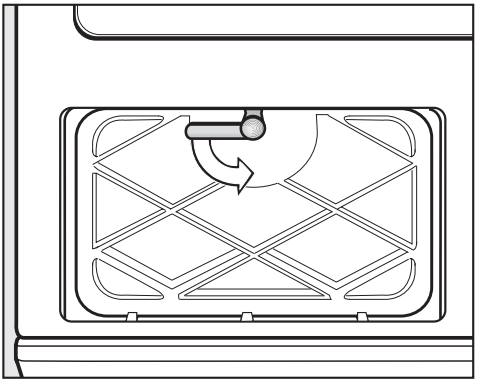
Cleaning the heat exchanger

⚠ Check the heat exchanger unit regularly. It should always be cleaned immediately the *Clean heat exchanger* or *Clean out airways* message appears.

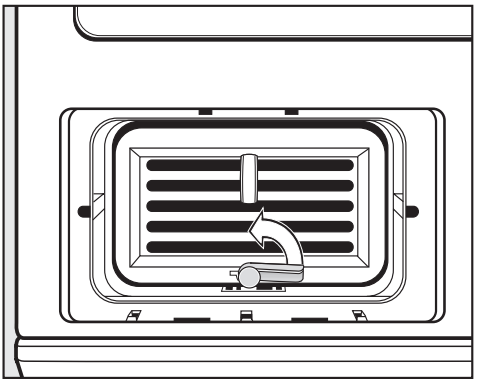
Removing the heat exchanger



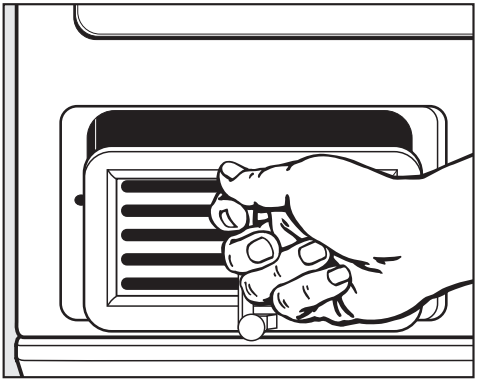
- Open the access panel.
  The hooks at the side will prevent the panel from falling off.
- Now remove the panel by pulling it diagonally upwards.
- Then place it to one side.



- Turn the lever on the inner cover downwards to the vertical position.
- Pull the cover forwards.

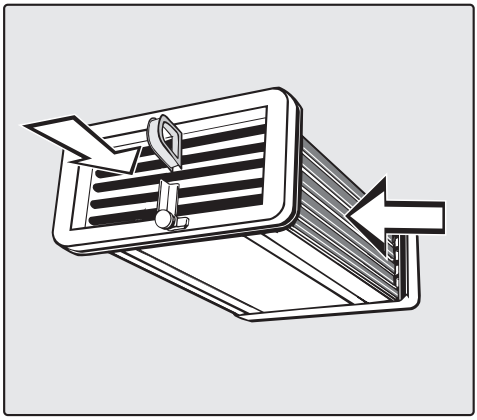


- Remove it by pulling it diagonally upwards.
- Turn the lever on the heat exchanger to the vertical position.



- Pull the heat exchanger unit out of its housing by the handle.

Checking the heat exchanger unit



- Hold the heat exchanger unit up to the light **as shown**.
- Check to see if there is any fluff inside it.
  The arrows in the illustration above indicate where to look.

If you cannot see any fluff:

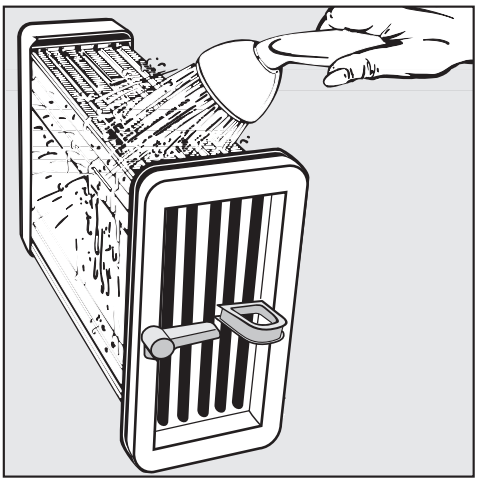
- Replace the heat exchanger unit (see following page).

If you can see some fluff:

- Clean the heat exchanger unit as described below.

Cleaning the heat exchanger unit

- **When rinsing the heat exchanger unit, make sure you position it as shown in the next two illustrations.**



- Use a shower head or similar to rinse the unit out **as shown**.

- Then flush the unit through from the front.
- Check the heat exchanger unit again for any visible fluff and if necessary flush it through again until it has all gone.
- Shake any excess water out of the unit until no more water droplets are visible.
- Remove any soiling still visible inside the housing unit by hand using and damp cloth. Do not try and access areas you cannot reach by hand!
- Also make sure the rubber seals are clean.

  The rubber seals must not be removed and must be free of kinks.

Replacing the heat exchanger unit

- With the handle facing upwards, push the heat exchanger unit back into position in its housing.
- Turn the lever down to the horizontal position, making sure that the hook on the lever clicks into the groove.

When replacing the cover after cleaning, ensure that the rubber seal fits correctly into the groove.

- Replace the cover making sure the hooks locate correctly. Hold it at an angle and push it gently downwards.
- Then turn the lever upwards into the horizontal position to lock the cover.
- Replace the service panel and press the upper edge until it clicks into position.

⚠ It is important to ensure that both the heat exchanger unit and the cover are correctly positioned and locked otherwise water may leak from the machine.

Problem solving guide

With the help of the following notes minor faults in the performance of the appliance, some of which may result from incorrect operation, can be put right without contacting the Service Department.

Repair work to electrical appliances should only be carried out by a suitably qualified person in accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

Fault messages in the display

Problem	Possible cause	Remedy
Adjust the load	This is not a fault. The electronic unit has recognised that there is no laundry in the drum and cancelled the programme. Drying individual garments or items which are already dry can also cause the programme to be cancelled.	Use the Warm air programme (timed drying) to dry individual items. To delete the fault message: – Open the door.
⚠ Technical Fault A fault code eg F47 may also appear in the display	No obvious cause. In some circumstances, *Clean out airways* will have appeared in the display already.	– See next page: *Clean out airways*. To delete the fault message: – Confirm with *OK*.
	There is a fault, if despite doing this, the programme is cancelled and the fault message appears again.	Contact the Miele Service Department, and quote any fault code where applicable.

Problem	Possible cause	Remedy
The following appears at the end of the programme: Clean heat exchanger	The dryer is reminding you that heat exchanger unit needs cleaning.	– Clean the heat exchanger. To delete the fault message: – Confirm with *OK*.
	You can adjust the setting which controls when or if the message *Clean heat exchanger* appears.	See "Settings menu ⚑, Cleaning the heat exchanger".
Clean out airways	The dryer is not working efficiently or economically. Possible causes: A build-up of fluff or detergent residues.	– Cleaning the fluff filters is usually all that is required. However, if the *Clean out airways* message does not go out after you have cleaned the filters, then also check all the possible causes described under "The drying process goes on too long or even switches off". To delete the fault message: – Confirm with *OK*.
		You can adjust the setting which controls when or if the message *Clean out airways* appears. – See "Settings menu ⚑, Clean the airways".
Drain fault	The drain hose is kinked.	– Remove the kink. To delete the fault message: – Confirm with *OK*.
Programme cannot be changed	An attempt has been made to alter a programme while it is in progress.	– You will need to cancel the current programme before you can select a new one.
Progr. end delayed	This is not a fault.	In the period between selecting Delay start and the programme starting, the settings were changed or there was a power cut.

Other problems

Problem	Possible cause	Remedy
The drying process goes on too long or even switches off.	In some circumstances the following message also appears: *Clean the airways*. **Please check all the possible causes and open and shut the dryer door.**	
	Ventilation to and from the dryer may be insufficient (e.g. because it is installed in a small room). This has caused the temperature in the room to rise sharply.	Open a door or window while the machine is in operation for increased air flow.
	The vents below the door are blocked.	– Remove any objects that are blocking the vents.
	The fluff filters are clogged up with fluff or were still wet when they were replaced.	– Remove any fluff. – The fluff filters must be completely dry.
	Detergent residues, hair and fine fibres can block the heat exchanger.	Check the heat exchanger from time to time and clean it if necessary.
	The laundry has not been spun sufficiently.	Make sure that your laundry is thoroughly spun at the appropriate spin speed.
	The tumble dryer has been overloaded.	Do not exceed the maximum load for the programme selected.
	Metallic components, e.g. zips have prevented the dryer from registering the correct moisture level in the laundry.	– Open zips next time. If the problem occurs again, dry garments with long zips using the Warm air programme (timed drying).
The laundry is not sufficiently dry.	The load consisted of different fabrics.	– Finish drying using the Warm air programme (timed drying). – Select a different programme next time, see Programme chart.

Problem	Possible cause	Remedy
The heat exchanger unit service panel will not shut.	The inner cover of the heat exchanger unit has not been locked properly and/or the heat exchanger unit has not been positioned correctly.	– Ensure that the heat exchanger unit is positioned correctly and lock the cover. – Check the rubber seals.
Water leaks from the machine after the heat exchanger unit has been cleaned.	Fluff has collected at the bottom of the condenser unit housing.	– Use a cloth to remove any fluff from the inside of the condenser unit housing.
Items made of synthetic fibres are charged with static electricity after drying.	Synthetic fibres tend to attract static charge.	Static charge can be reduced by adding a fabric conditioner to the final rinse in the washing programme or a fabric conditioner sheet to the load when drying.
There is a build up of fluff.	Fluff is principally the result of friction when garments are being worn and washed. Machine drying hardly causes any fluff to form and has been established by research institutes to have no appreciable effect on the lifetime of the garment.	Fluff is collected by the fluff filters and can be easily removed (see "Cleaning and care").

Problem solving guide

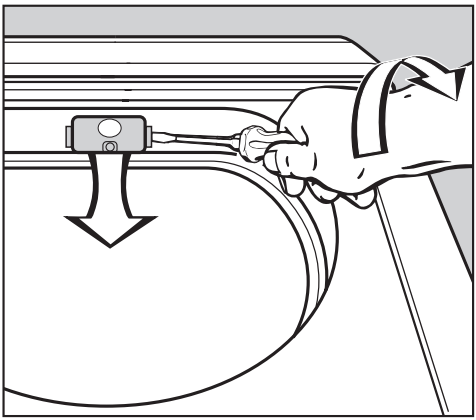
Problem	Possible cause	Remedy
The programme does not start and the display is dark.	No obvious cause.	– Is the dryer switched on? – Is the door closed properly? – Has the fuse or circuit breaker tripped?
The interior drum lighting does not come on.	The lighting switches off automatically (to save energy).	It will switch on again after the door has been closed and then opened.
	The lamp needs changing.	Change the lamp as described at the end of this section.
The display is in a different language.	A different language has been selected in "Settings " "Language ".	Set the language you want. The flag symbol will guide you.
The *Start* button light will flash when a programme is being selected.	This is not a fault. The flashing indicates that a programme can be started.	After the programme has started, the flashing will change to a constant light.
The display is dark and the light ring around the multi-function selector is not lit up.	The display has switched off automatically to save energy (Standby mode). The same applies to the programme selector.	The display and programme selector are lit up after pressing a button or turning the programme selector.
The *Start* button light flashes slowly.	The programme selector light goes out when the *Settings* menu has been selected.	The programme selector light comes on when a programme is selected.
	If the problem persists, there is a fault.	Contact the Miele Service Department.

Changing the lamp

Disconnect the machine from the mains electricity supply.

- Open the door.

You will find the interior lamp cover at the top of the drum aperture.



- Insert a suitable tool, such as a wide bladed screwdriver, under the side edge of the lamp cover as illustrated.
- Apply a little pressure and whilst doing so turn your wrist in the direction of the arrow to open the cover.

The cover will open downwards.

The temperature resistant lamp should only be ordered from your Miele dealer or the Miele Spare Parts Department.

The lamp specification and maximum wattage is stated on the data plate and on the lamp cover.

- Replace the lamp.
- To close the cover push it upwards and press it on the left and right until you hear it click into position.

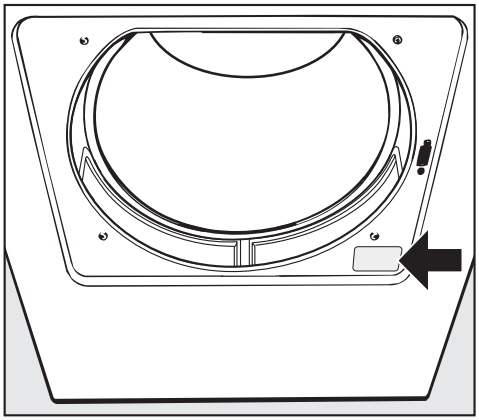
⚠ Ensure that it is fitted into position securely, as any moisture could cause a short circuit.

In the event of any faults which you cannot remedy yourself, or if the machine is under guarantee, please contact

– your Miele dealer, or

– the Miele Service Department (see back cover for contact details).

When contacting the your dealer or the Service Department, please quote the model and serial number of your machine, both of which are shown on the data plate situated on the right hand side below the drum aperture.



PC / Optical interface

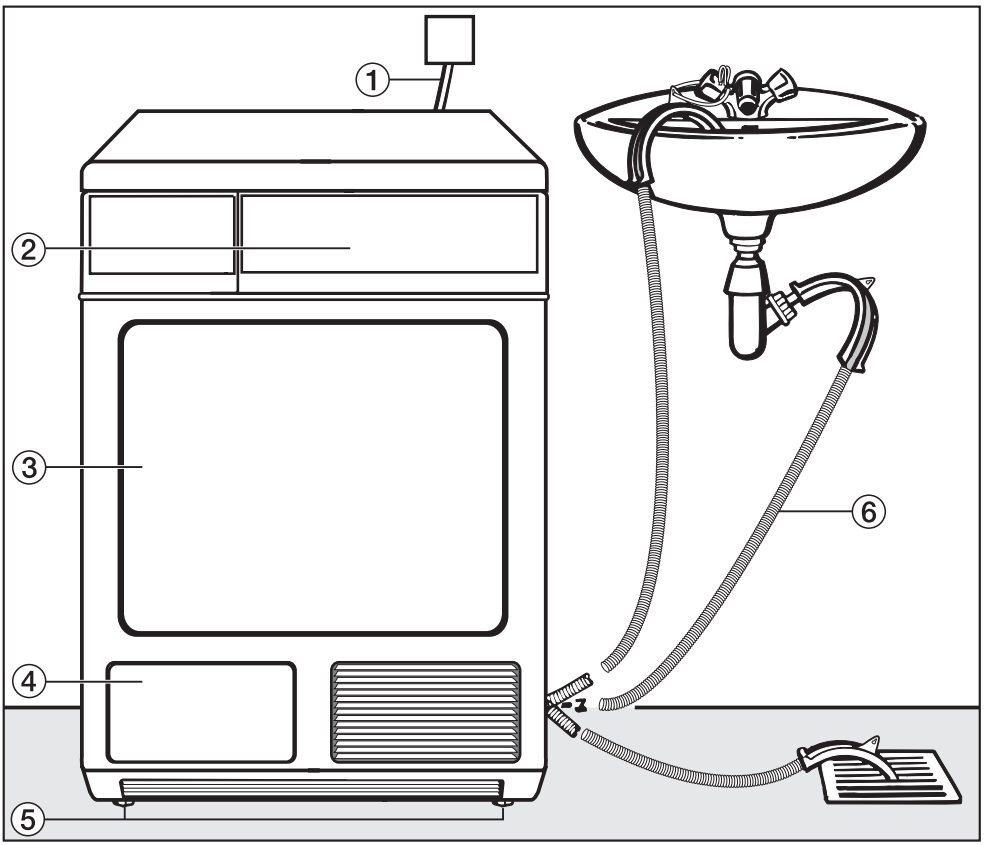
The indicator or check light marked **PC** on the fascia panel is the interface used by Miele service technicians during servicing work for testing purposes and for undating the machine's programme data.

Optional accessories

Optional accessories for this dryer are available from your Miele Dealer or from the Miele Spare Parts Department.

Please note that telephone calls may be monitored and recorded for training purposes.

View from the front



① Mains connection cable

② Control panel

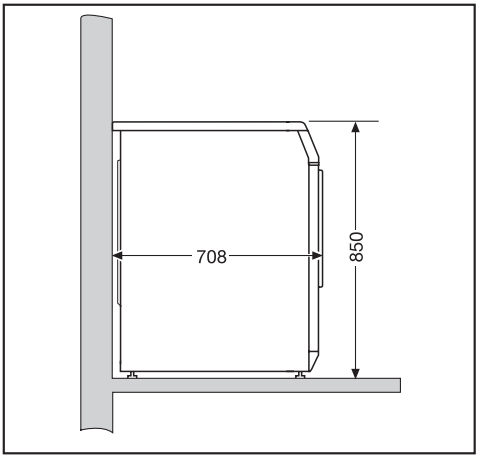
③ Door

④ Service panel for heat exchanger

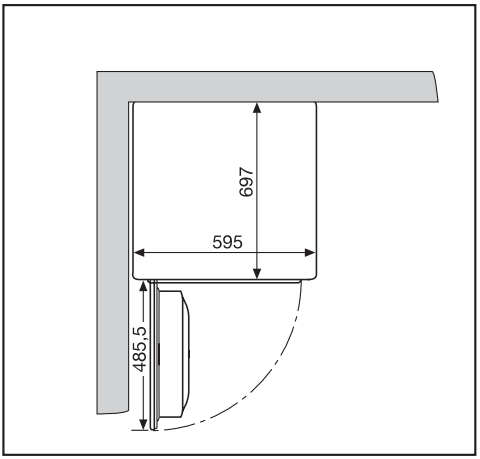
⑤ Four height adjustable screw feet

⑥ External drainage options (e.g. via wash basin, wash basin drain outlet or gully)
optional accessory: extension hose

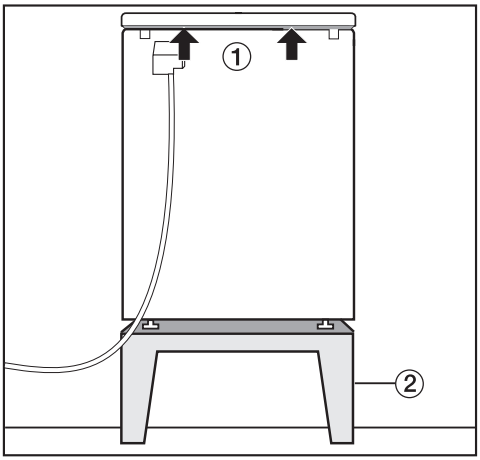
View from the side



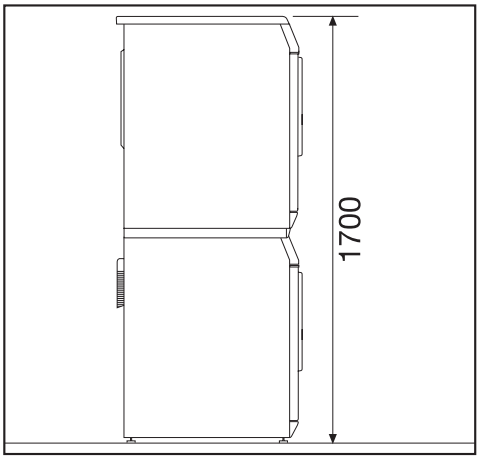
View from above



View from the rear



Washer-dryer stack

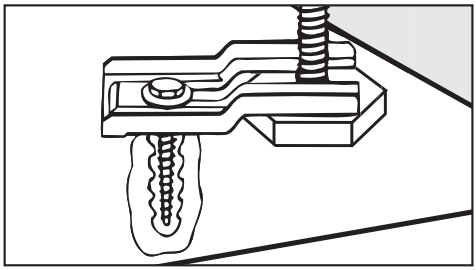


① Protruding lid (see arrows) for holding when moving the machine

② Steel plinth base (optional accessory, available open or closed)

The tumble dryer can be combined with a Miele washing machine in a washer-dryer stack. A stacking kit is required which can be purchased from your Miele Dealer or the Miele Spare Parts Department. The stacking kit must be fitted by a Miele authorised service technician.

Installation on a concrete plinth



- Secure the front feet of the dryer with clamps when installing the machine on a concrete plinth.

Payment system

The dryer can be fitted with a payment system (optional accessory).
This must be connected and programmed by a Miele Service technician.

Coins / tokens must be removed from the payment system regularly, otherwise it will become blocked.

⚠ Do not use devices to turn the machine off automatically, (e.g. automatic timers).

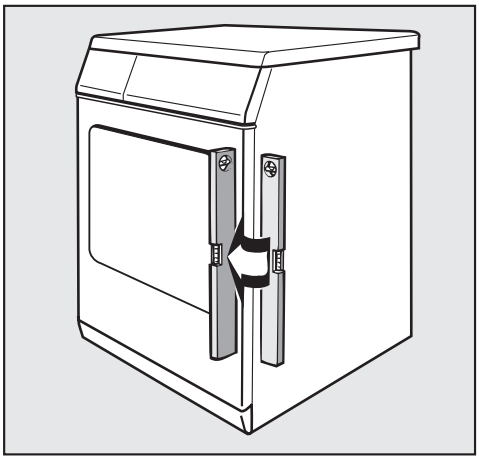
Installation site

⚠ Make sure the dryer door can be opened without hindrance after installation.

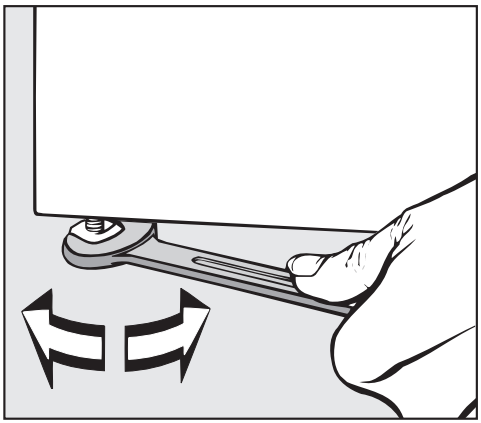
Transporting the machine to its installation site

When moving the machine you can hold it by the lid where it protrudes to the rear of the dryer. To manoeuvre the dryer out of its packing case to its installation site you will also need to hold it by the front feet.

Levelling the machine



The machine must be perfectly level to ensure safe and proper operation.



- The screw feet can be adjusted to compensate for any unevenness in the floor.

⚠ The ventilation gaps in the plinth and the front panel must not be covered over as this would prevent a sufficient intake of air.

This tumble dryer is not suitable for building under.

Room in which the dryer is located

Air taken in for use in the drying process will be warm when it is expelled from underneath the dryer. This expelled air heats up the air in the room. It is therefore very important to ensure that the room is adequately ventilated, particularly if the dryer is located in a small room. Otherwise running times and energy consumption could be increased.

External drainage of the condensed water

The condensed water is pumped away through the drain hose which is located at the back of the dryer at the bottom.

Drain hose length: . . . . . 2 m

Delivery head: . . . . . 1 m

⚠ **Do not pull on the drain hose and do not allow it to become kinked** as this could damage it.

Drain hose connection:

1. Direct into a sink or basin.

– Hook the hose over the edge and secure.

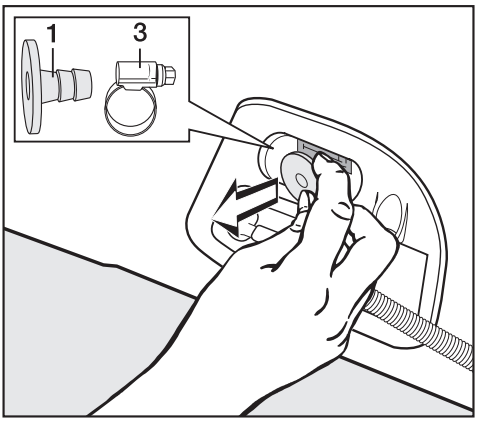
– Use the bow-shaped guide (see illustration on the right).

2. Connected securely to a floor gully.

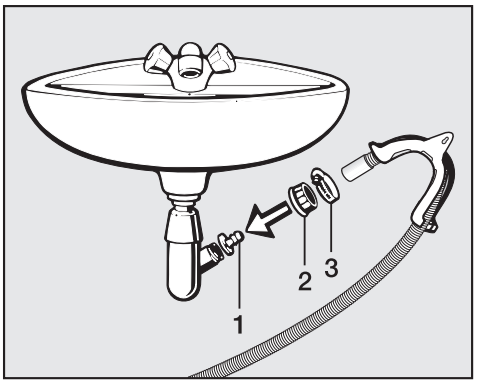
3. Connected directly to a sink drain outlet.

Connection to a sink drain outlet

To connect the drain hose to a sink drain outlet you will need to use the adapter and hose clip located at the back of the dryer at the bottom.



■ Remove adapter **1** and hose clip **3** behind it.



■ Fit adapter **1** to the sink drain outlet using nut **2**.

■ Secure the drain hose with hose clip **3** to the nut.

Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations (BS 7651in the UK).

Ensure power is not supplied to the appliance until after installation work has been carried out.

The appliance is supplied with a mains cable with moulded plug ready for connection to a 230-240V mains supply. **The voltage and connected load are given on the data plate**. Please ensure these match the on-site mains supply. The fuse rating is quoted on the plug.

Connection should be made via a suitable switched socket which is easily accessible after installation.

For extra safety it is advisable to install a residual current device (RCD), with a trip current of 30 mA (in accordance with DIN VDE 0664, VDE 0100 Section 739).

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

Non-rewireable plugs BS 1363

The fuse cover must be refitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of plug fitted).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

WARNING: THIS APPLIANCE MUST BE EARTHED

Height	850 mm (adjustable +/- 7 mm)
Width	595 mm
Depth	700 mm
Depth with door open	1,188 mm
Weight	57 kg
Drum volume	130 litres
Maximum capacity	6.5 kg dry weight
Length of connection cable	1,600 mm
Voltage	See data plate
Connected load	See data plate
Fuse rating (UK)	See plug
Lamp wattage	See data plate
Test certificates awarded	Radio/TV suppression, VDE
Max. load bearing in operation	Approx. 72 kg
Noise level (according to 3. GSGV)	< 70 dB (A)

Changing default settings

Default settings can be altered to adapt the machine to different requirements.

The way these are accessed by the operator will depend on how the machine has been programmed.

– Some settings are visible and can be changed by all operators via the *Settings* menu.

– All settings can be locked to prevent unauthorised access. They are then only accessible under *Settings/Supervisor level* by entering an access code.

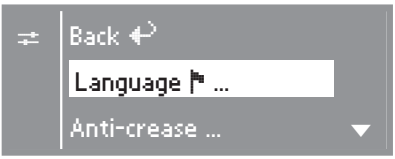
Please speak to the Miele Service Department for details.

To open the *Settings* menu

❶ The entry menu showing the current time of day will appear after the machine has been switched on, until you select an option.

❷ Select **Settings** and then press the OK button.

❸ This will take you into the *Settings* menu.

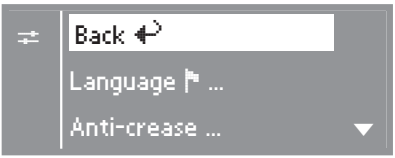


❹ Use the **+** and **-** buttons to select the setting you want, and confirm your selection by pressing the OK button.

– The arrow ▼ in the display indicates that there are further options.

– If you do not make a selection in the *Settings* menu and in its sub-menus within approx. 15 seconds, the display will revert to the previous menu.

To close the *Settings* menu



■ Select **Back** and confirm your selection with the *OK* button.

Language

You can select the language displayed via the *Languages* sub-menu.

The flag after the word *Language* acts as a guide to prevent a language which will not be understood from being set.

Anti-crease action

The drum will continue to rotate at intervals for one hour to prevent laundry creasing, if you do not wish to remove it immediately.

The machine is delivered with this option set at: on.

Time of day

First select either a 24 hour or 12 hour clock.
Then set the current time of day.

24h clock
The time of day will appear as a 24 hour clock.
12h clock
The time of day will appear as a 12 hour clock.
Time not displayed
The time of day is not displayed. The relative time will appear in the display when *Timer* is selected.

Display contrast

Display brightness

There are ten different display contrast and display brightness settings.

The bar chart shows you the setting.

Standby

To save energy, the display goes out after 10 minutes and the *Start* button flashes slowly.

On

Standby is activated:

– if a programme is not selected.

– if the *Start* button has been pressed.

– at the end of a programme.

Not in current Prog.

(the machine is delivered with this option selected)

Standby is activated:

– if a programme is not selected.

Pressing one of the buttons switches the display back on again.

Buzzer

When the buzzer function has been activated, an audible tone sounds at the end of a programme.

The buzzer will still sound if there is a fault, even if it has been deactivated.

Off
The machine is delivered with the buzzer deactivated.

Normal
The buzzer sounds at the end of a programme.

Loud
The buzzer sounds at maximum volume at the end of a programme.

Extending the cooling down time

The cooling down phase which takes place before the end of a programme can be lengthened if required. This makes the garments easier to handle.

The bar chart shows you the setting. The machine is delivered with 0 mins (normal cooling down period) set as standard.

– The programme duration will increase accordingly.

You cannot extend the cooling down time for the *Warm air, Cool air, Woollens handcare or Smoothing* programmes.

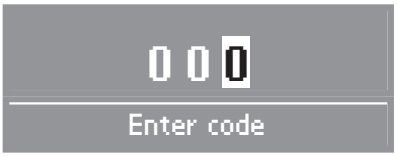
The *Settings/Supervisor level* is locked with a code to prevent it being accessed by unauthorised personnel (the Language setting can still be altered).

- Open the *Supervisor level* sub-menu

To enter the code

- Confirm *Please enter code*.

You will now be asked to enter a 3-figure code. The code is set at **000** at the factory.



- Use the **+** button to enter the first number. Confirm your selection of this number by pressing the **OK** button. Now set the second number.
- Repeat the process until all three numbers have been entered.
- Confirm the code with the **OK** button, or if you want to correct a mistake press the **–** button.

Supervisor level

Change code

You can alter the access code to the supervisor level.

- Enter the old code.
- Enter a new code.

After entering the new code the display will revert to the entry menu after a short while.

Drying levels

The bar chart shows you the setting. The machine is delivered with a medium setting set as standard.

– Depending on the setting, the programme duration will be shorter (damper) or longer (drier).

Cottons and Minimum iron

You can alter the drying levels for the *Cottons* and *Minimum iron* programmes.

Cottons Machine iron

This drying level can be altered independently.

Cleaning the airways

Fluff should be removed after drying. The *Clean out airways* message will remind you to do this when a certain amount of fluff has collected. You can decide at what level of fluff this reminder should be given.

You will have an idea of how often this should be done after a few drying programmes.

Off
Clean out airways does not appear

Heavy
Clean out airways only appears when there is a heavy build-up of fluff

Normal
Factory default setting

Light
Clean out airways appears when there is only a small build-up of fluff

Cleaning the heat exchanger

Check the heat exchanger unit from time to time, and clean it if necessary. The *Clean heat exchanger* Maintenance message will remind you to do this. You can decide after how many hours you want the message to appear.

Setting the correct option will depend on how much fluff and dust has accumulated.

Select a more appropriate option if you find that the heat exchanger is very dirty/not very dirty at the end of the set period of time.

The machine is delivered with this option set at: 400 hours.

Cool air free of charge

If the dryer has been fitted with a payment system, you can set the *Cool air* programme to be free of charge.

The machine is delivered with this option set at: Free of charge.

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